

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

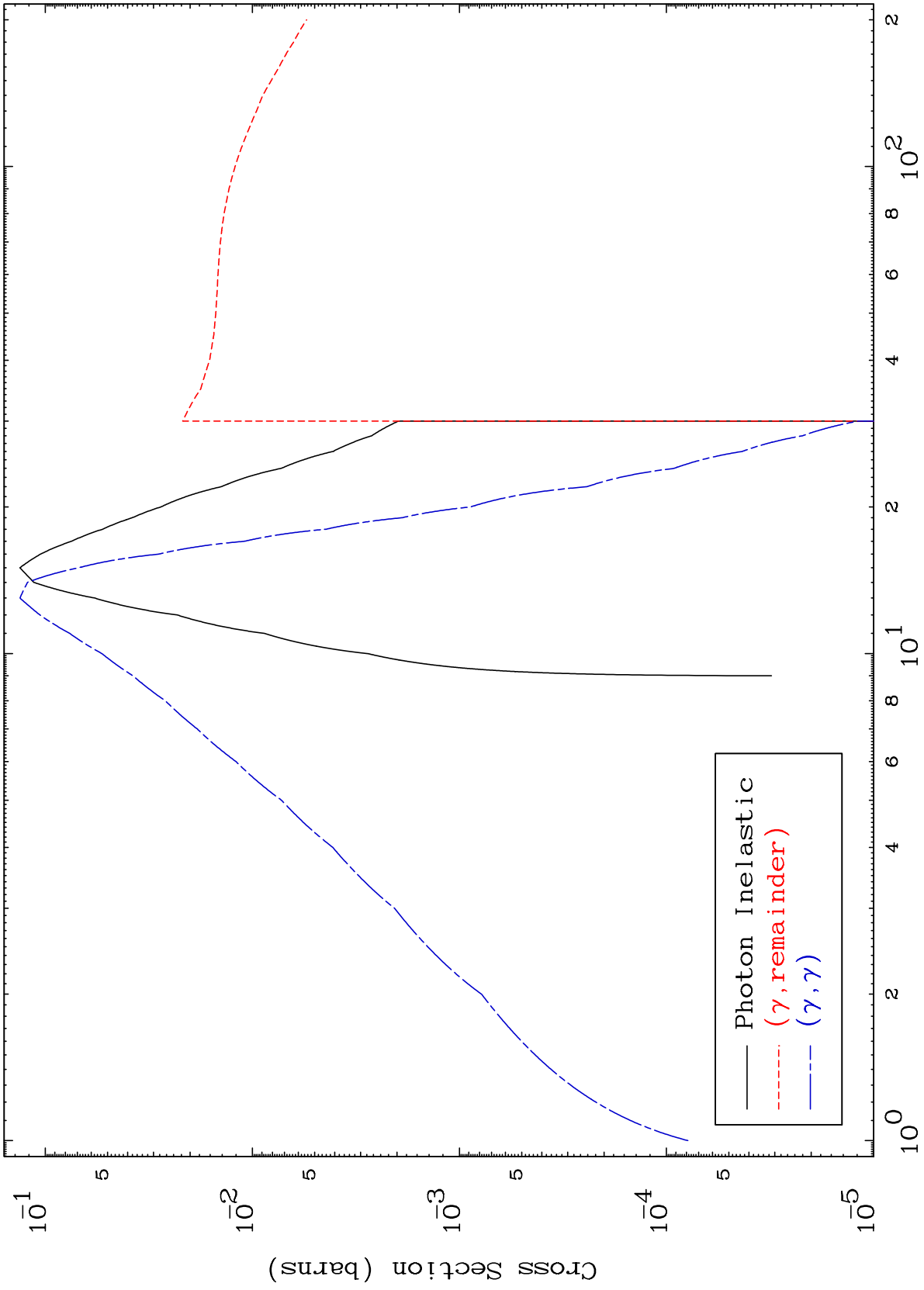
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7674

Photon Major  
0 Kelvin Cross Sections

77-Ir-174



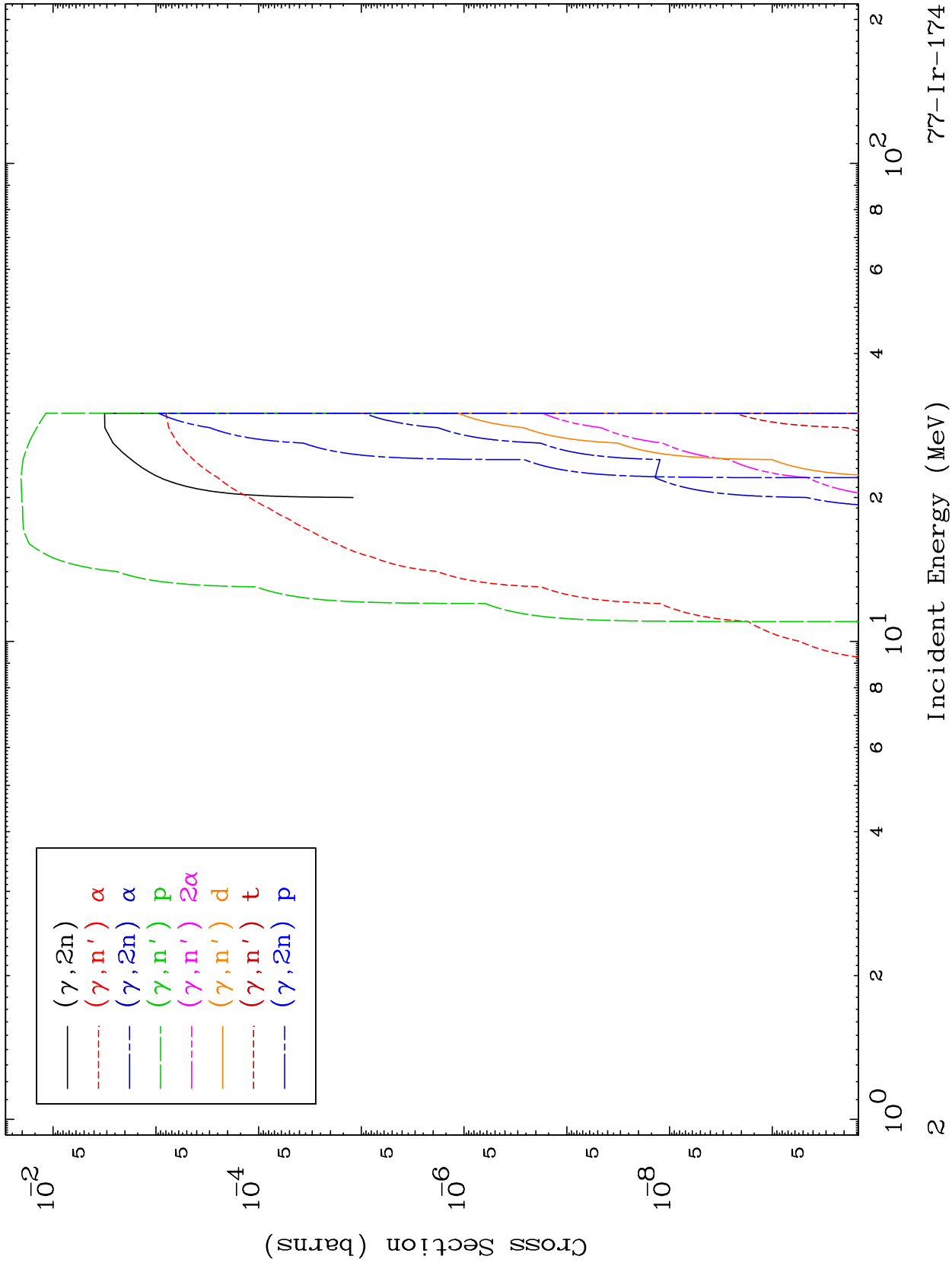
Incident Energy (MeV)

77-Ir-174

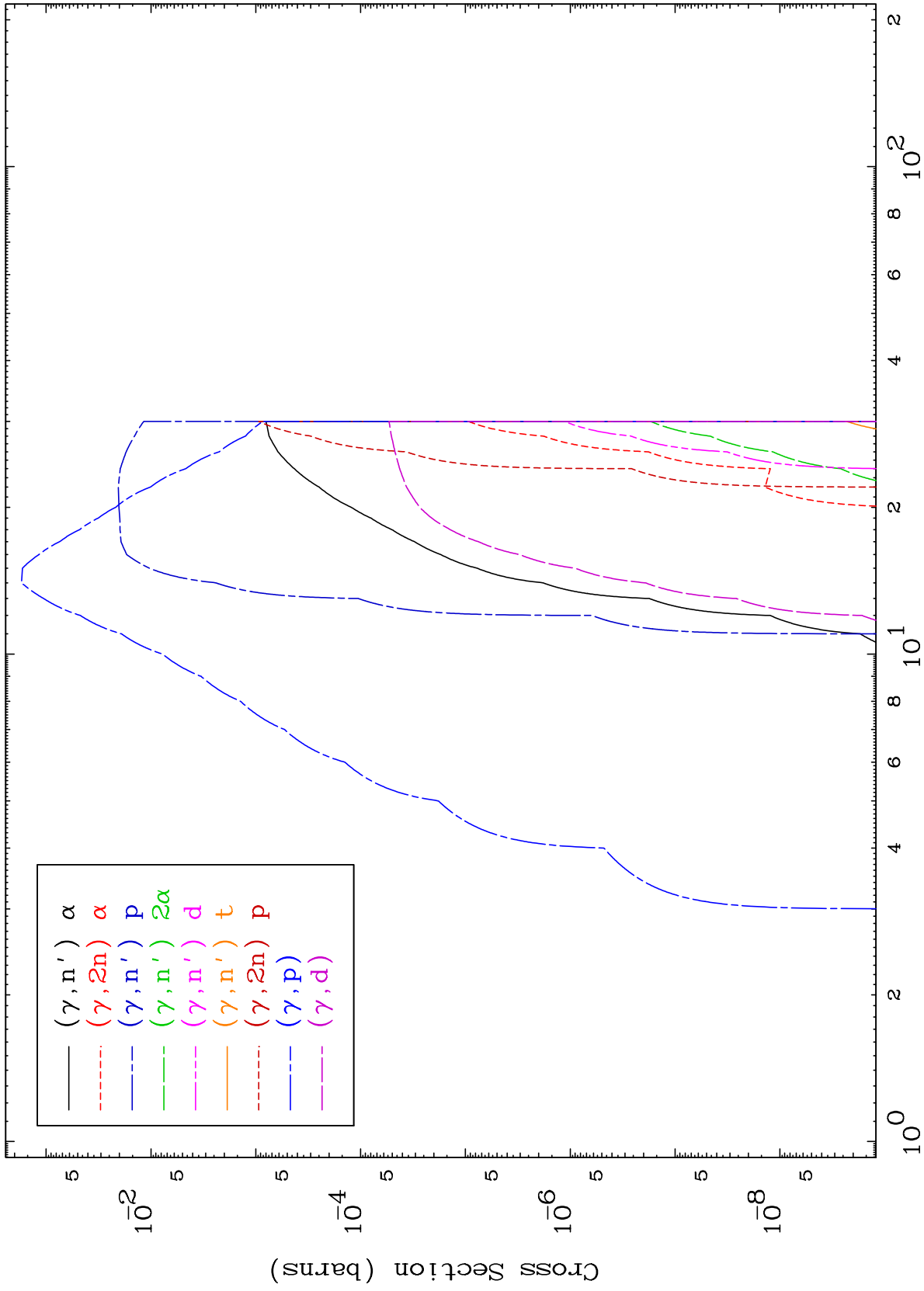
MAT 7674

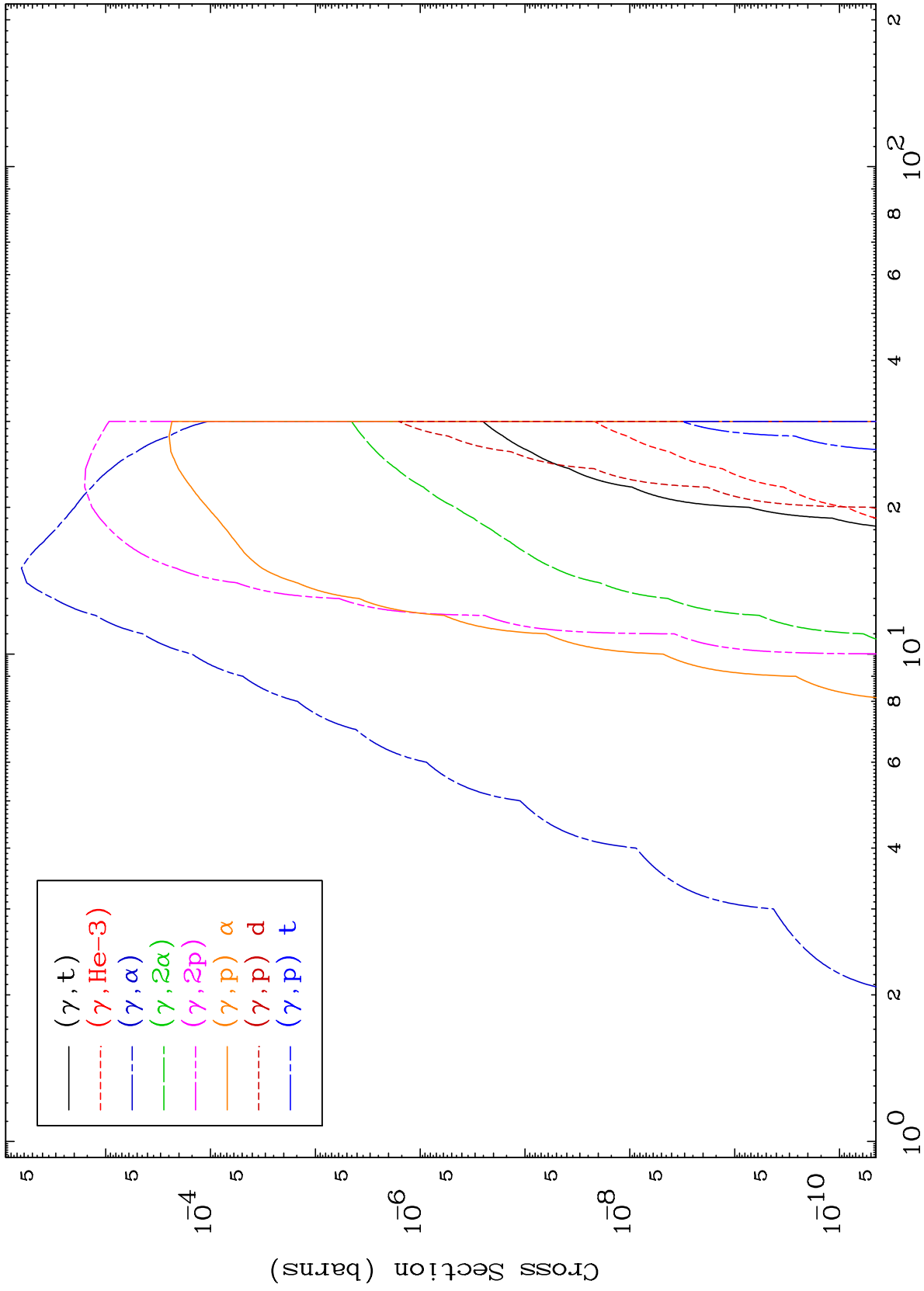
Photon Neutron Production  
0 Kelvin Cross Sections

77-Ir-174



77-Ir-174

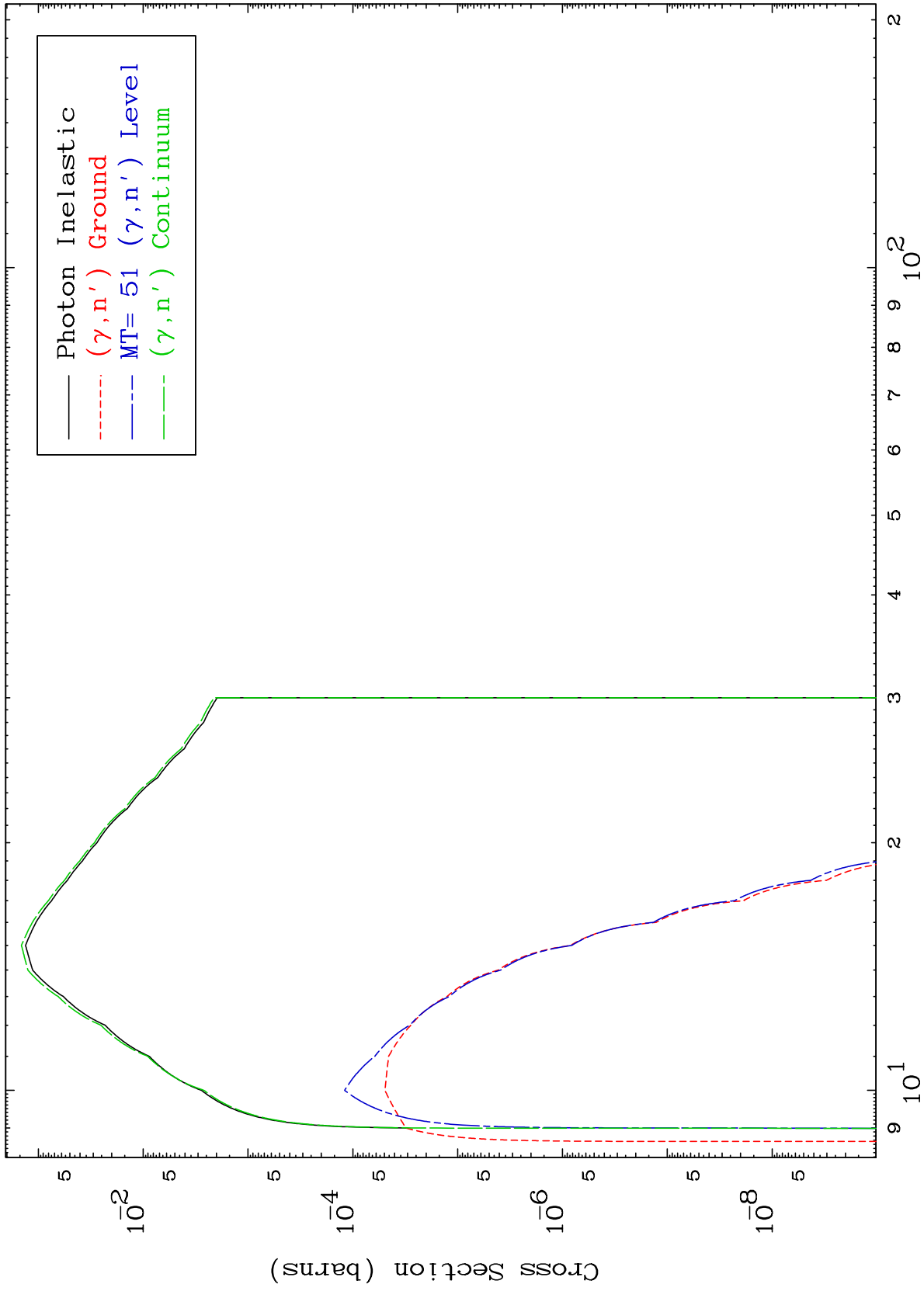




MAT 7674

$(\gamma, n')$  Level  
0 Kelvin Cross Sections

77-Ir-174



5

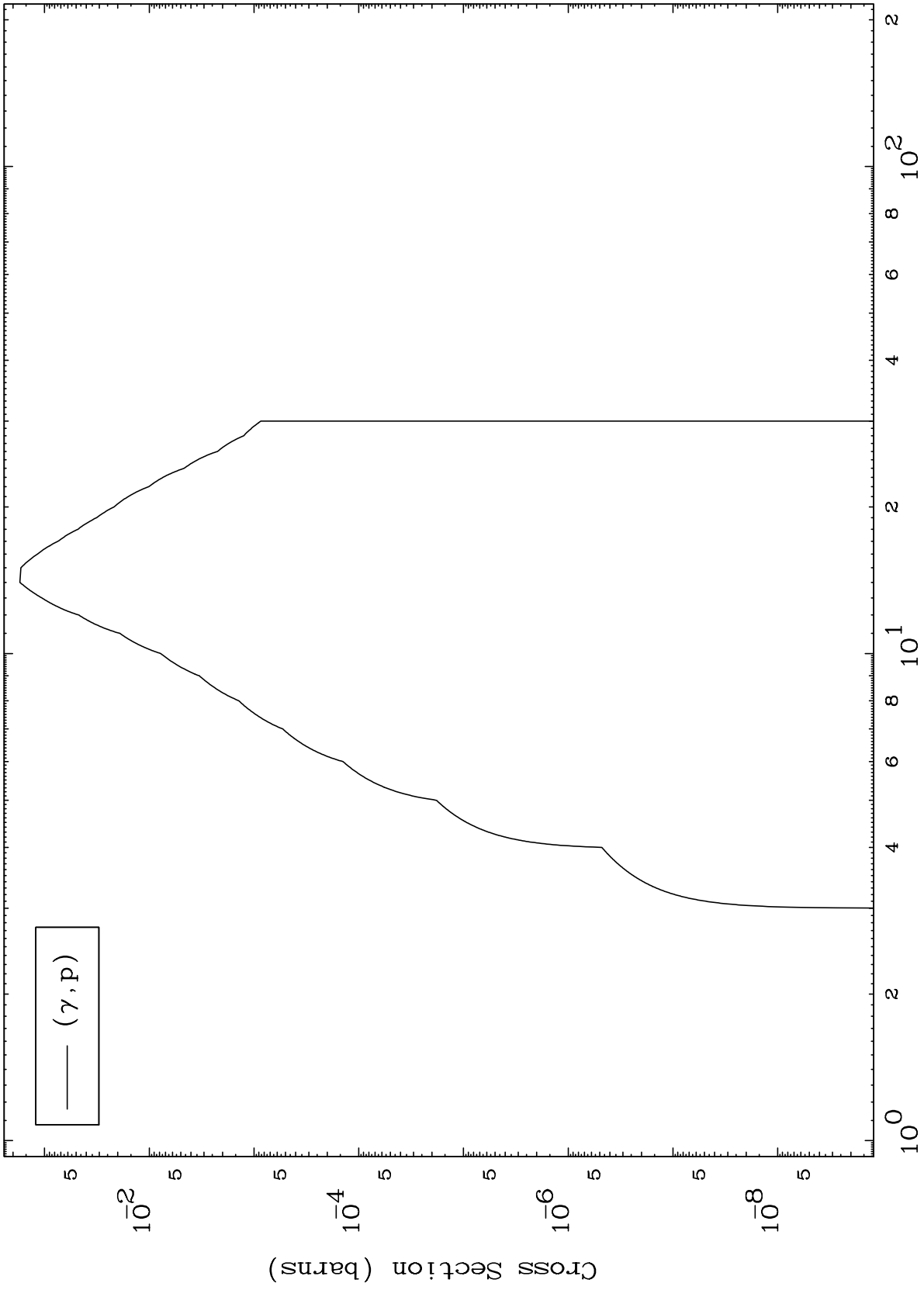
Incident Energy (MeV)

77-Ir-174

MAT 7674

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

77-Ir-174



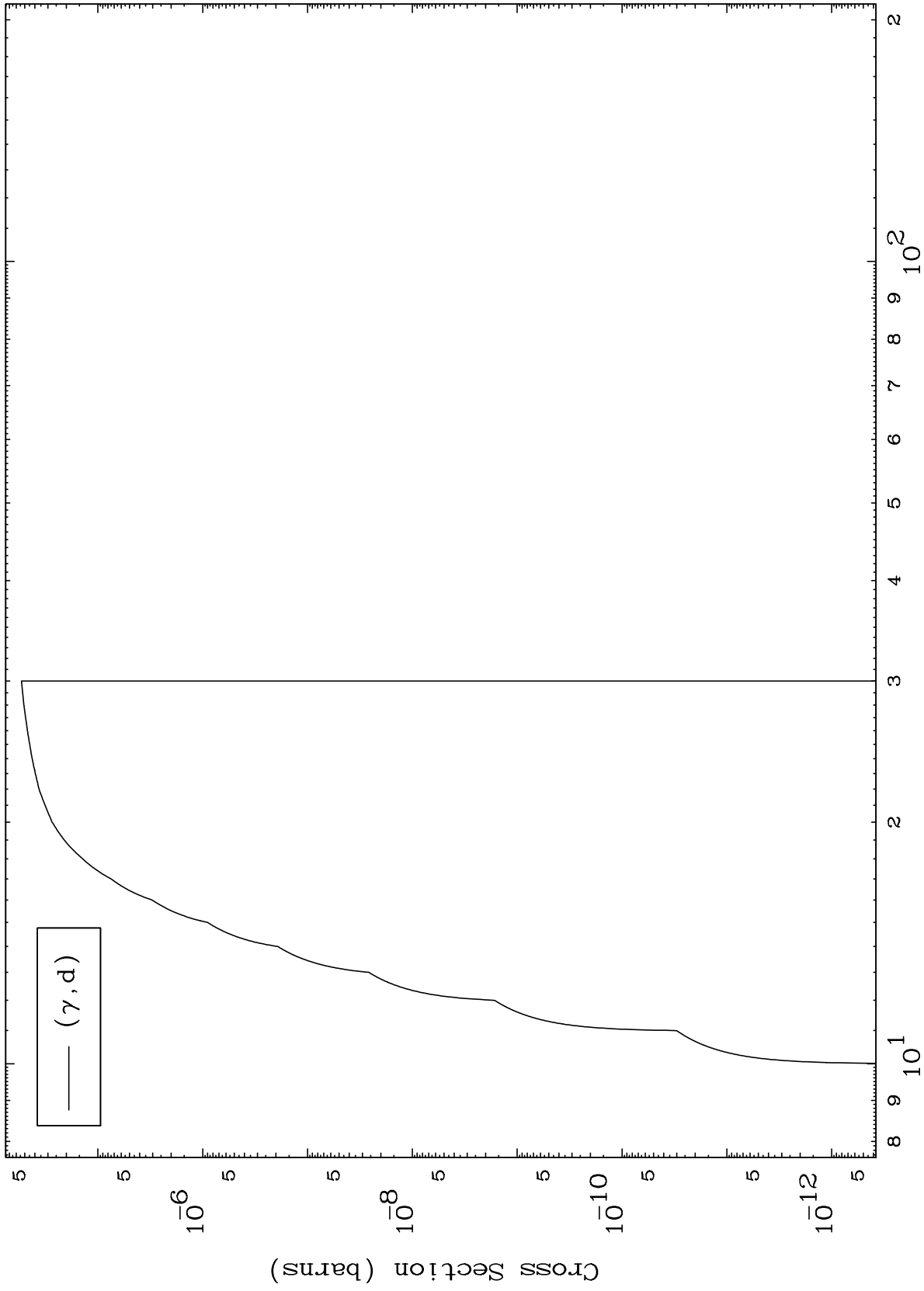
Incident Energy (MeV)

77-Ir-174

MAT 7674

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

77-Ir-174

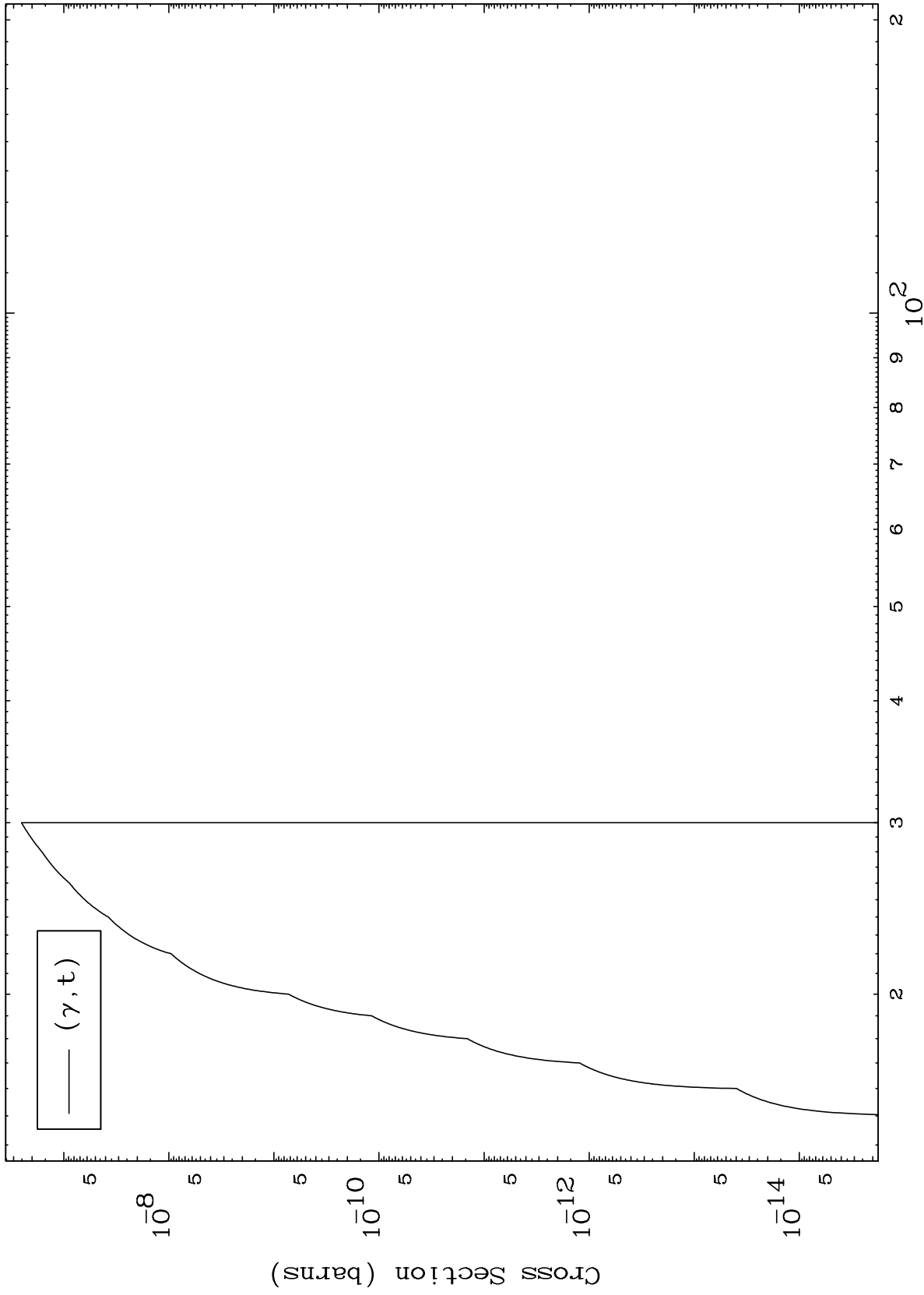


7

Incident Energy (MeV)

77-Ir-174

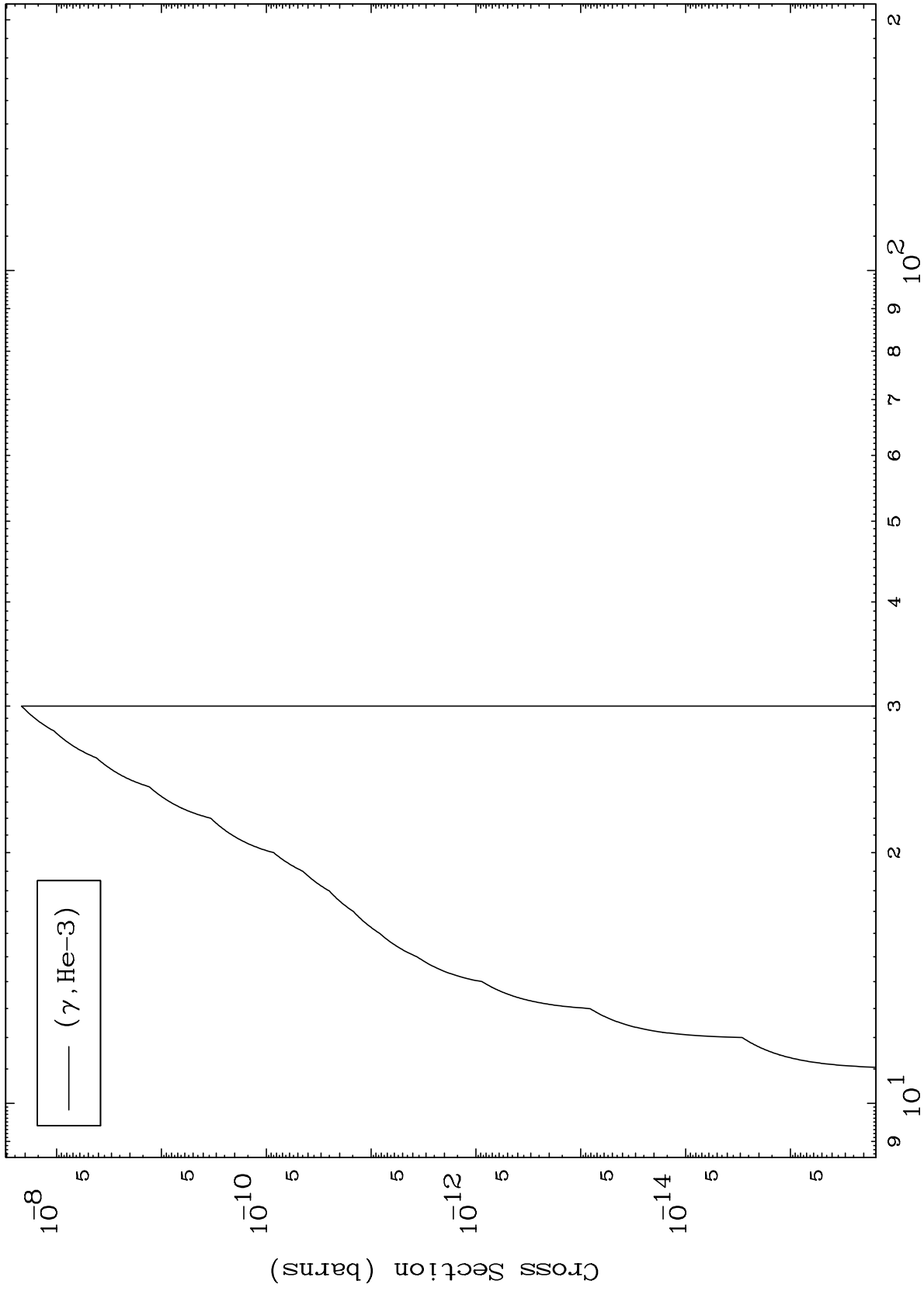




MAT 7674

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

77-Ir-174



9

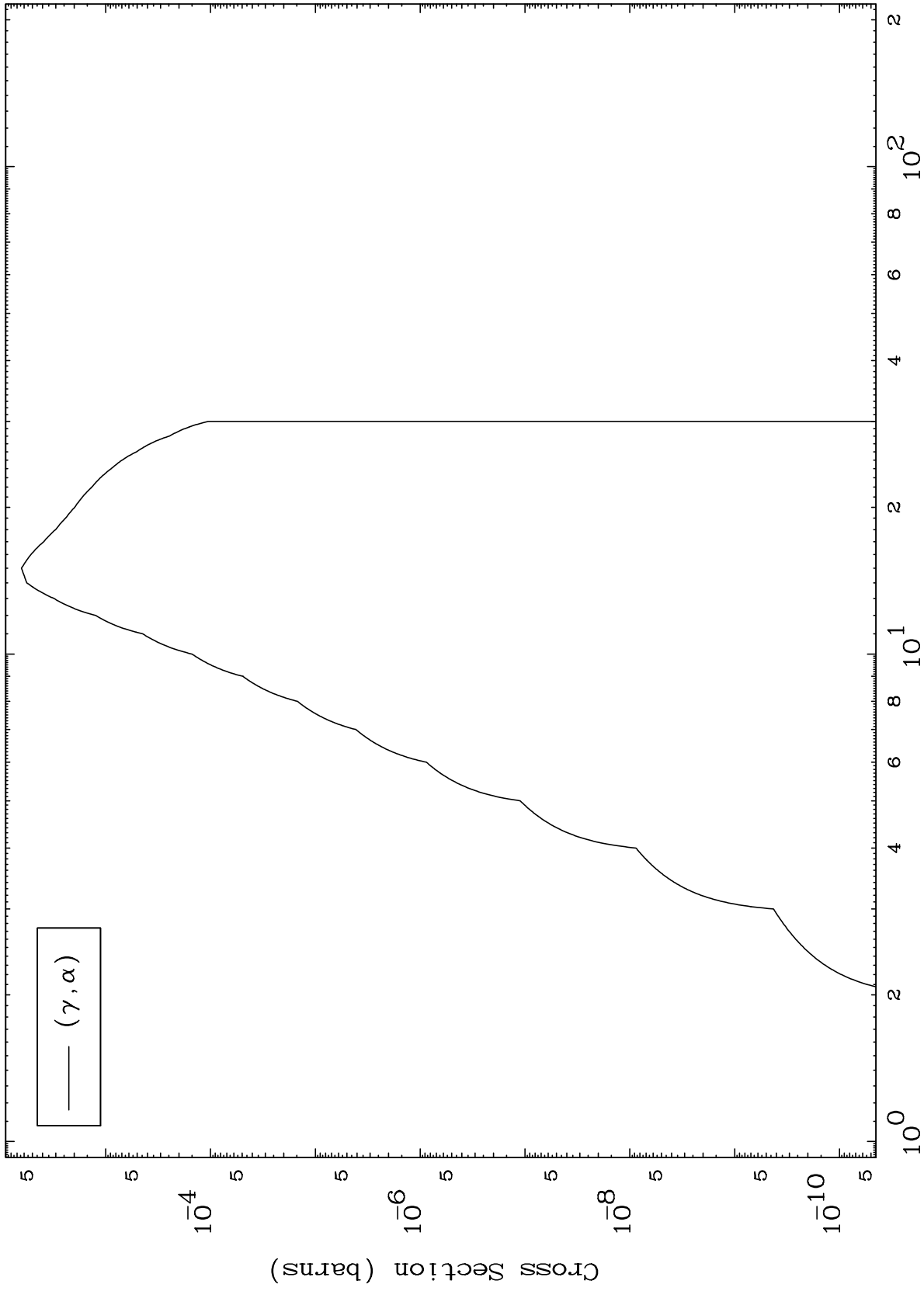
Incident Energy (MeV)

77-Ir-174

MAT 7674

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

77-Ir-174



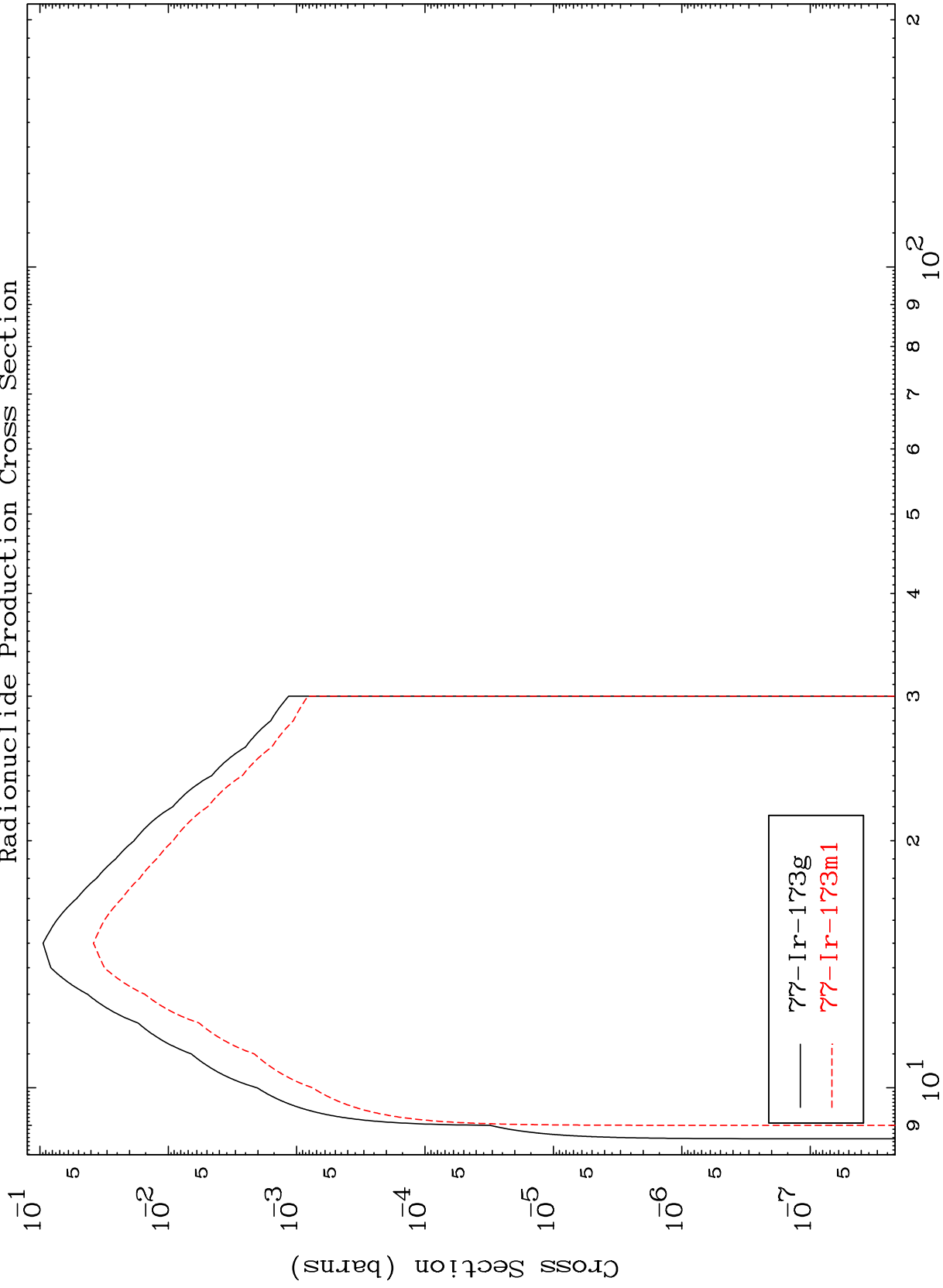
Incident Energy (MeV)

77-Ir-174

MAT 7674

Photon Inelastic  
Radionuclide Production Cross Section

77-Ir-174



11

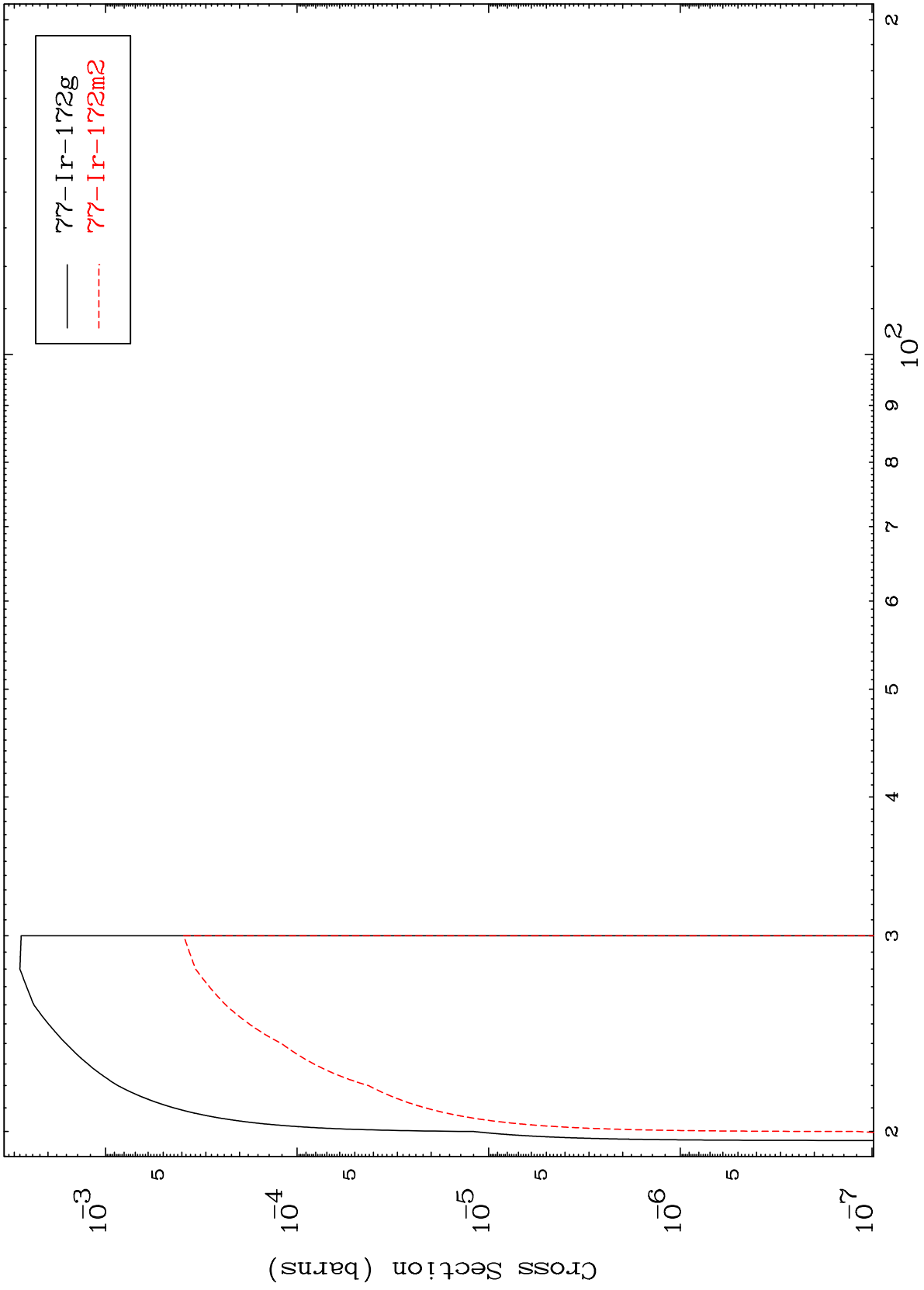
Incident Energy (MeV)

77-Ir-174

MAT 7674

77-Ir-174

Radionuclide Production Cross Section  
( $\gamma, 2n$ )



12

Incident Energy (MeV)

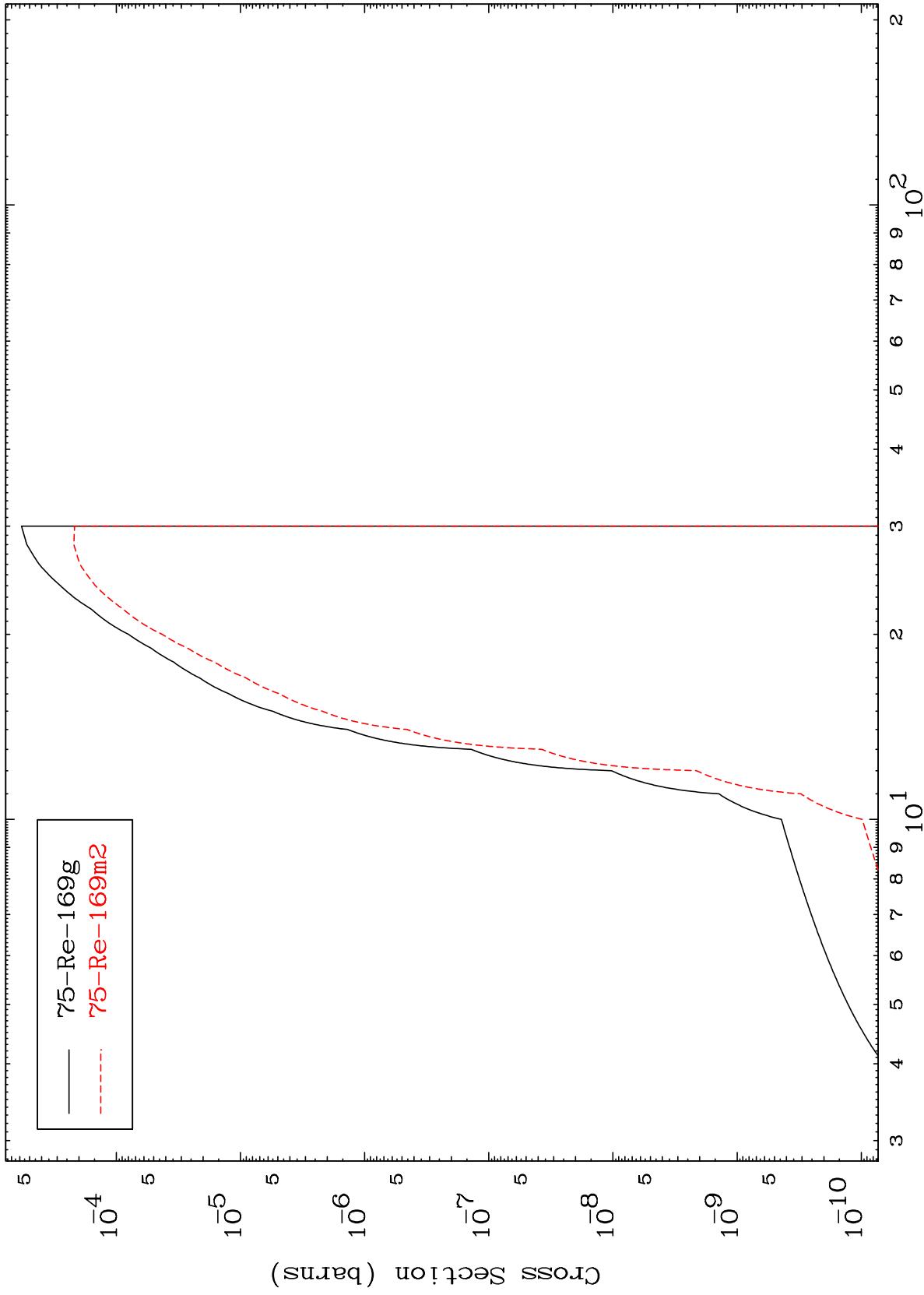
77-Ir-174

MAT 7674

( $\gamma, n'$ )  $\alpha$

<sup>77</sup>Ir-174

Radionuclide Production Cross Section



13

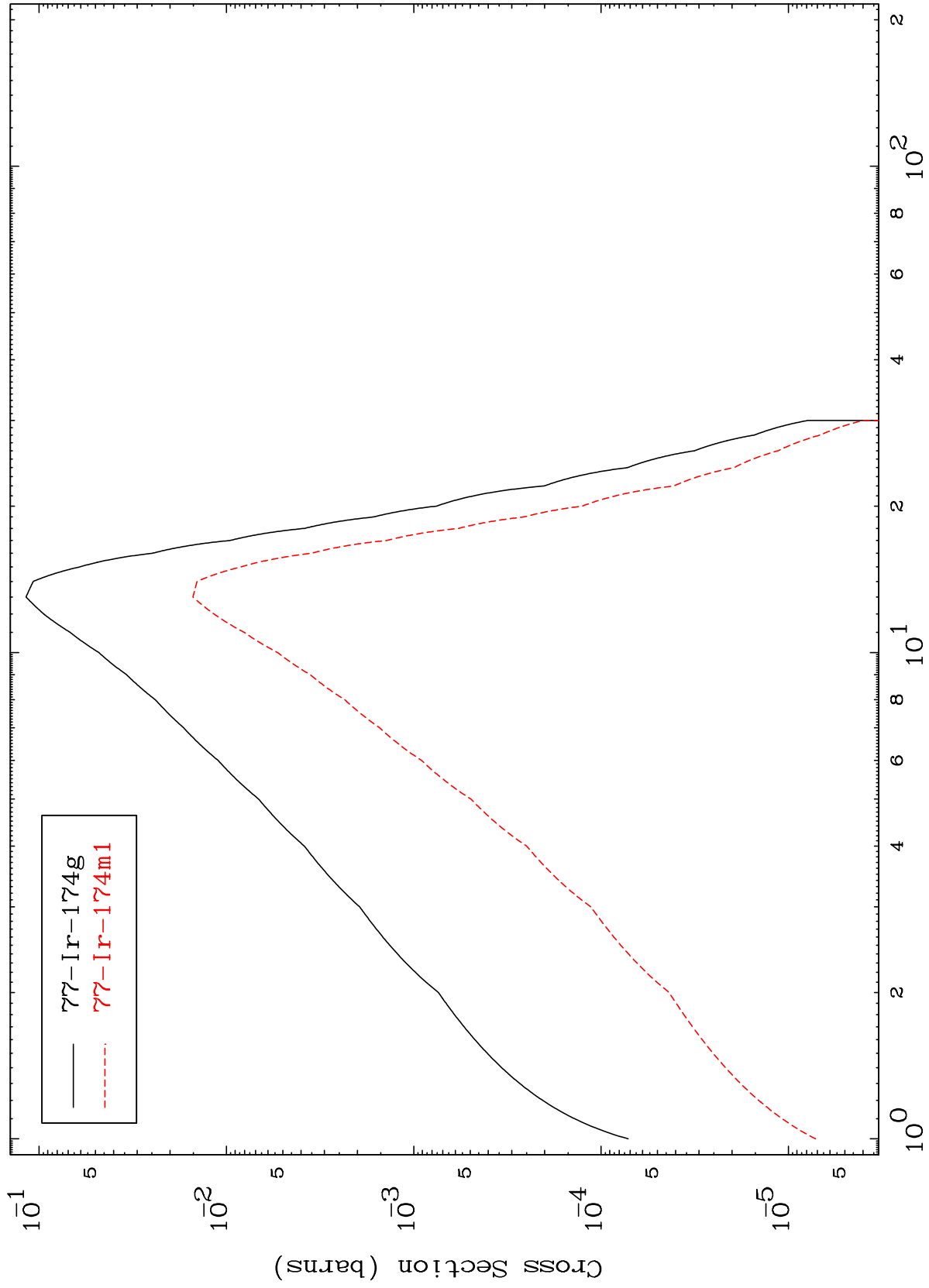
Incident Energy (MeV)

<sup>77</sup>Ir-174

MAT 7674

Radionuclide Production Cross Section  
( $\gamma, \gamma$ )

<sup>77</sup>Ir-174



— <sup>77</sup>Ir-174g  
- - - <sup>77</sup>Ir-174m1

14

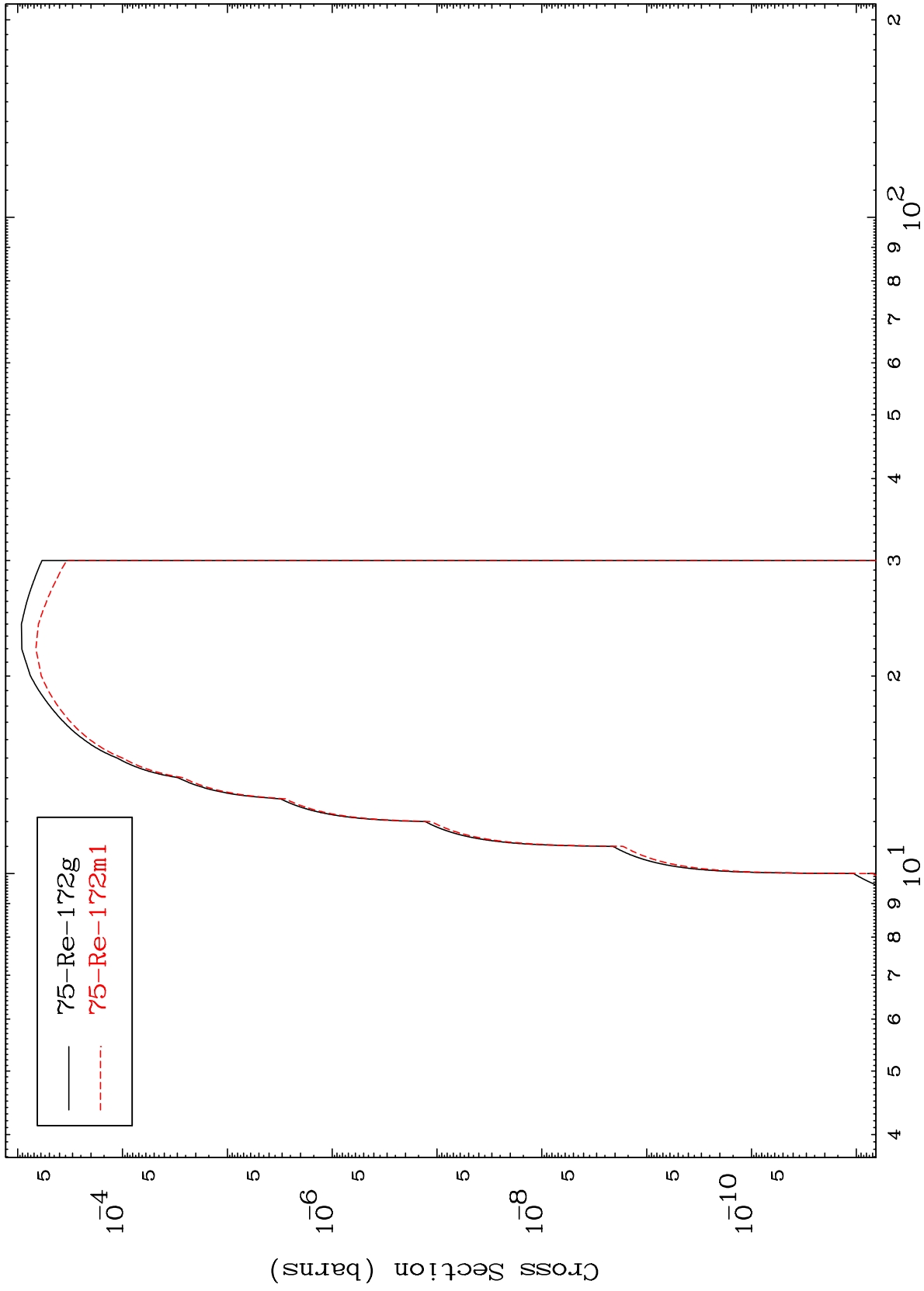
Incident Energy (MeV)

<sup>77</sup>Ir-174

MAT 7674

<sup>77</sup>Ir-174

( $\gamma, 2p$ )  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>77</sup>Ir-174